

IN THE ABSTRACT

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ABSTRACT

A method and apparatus controls intake air humidification spraying with at least two spraying nozzles (1a, 1b, 1c, 1d) for spraying a liquid into the intake air. When an amount of the liquid to be supplied through the spraying nozzles increases, liquid flow passages are opened for more nozzles (1a, 1b, 1c, 1d) and/or the liquid flow is directed into a flow passage leading to one of the spraying nozzles that permits a larger liquid flow per unit of time than another of the spraying nozzles, and when an amount of the liquid to be supplied through the nozzles decreases, liquid flow channels are closed at least for one of the spraying nozzles (1a, 1b, 1c, 1d) and/or the liquid flow is directed to one of the spraying nozzles that permits a smaller liquid flow per unit of time than another of the spraying nozzles.